Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2497	((silicon or si) adj2 (layer$1 or film$1)) same (grating$1 or waveguid$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 13:19
L2	15539	(silicon or si) same (grating$1 or waveguid$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 14:07
L3	853324	(mask or stencil or resist)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 13:20
L4	85309	(mask$4 or stencil or resist$1 or photoresist$1) same (implant$6 or (ion near5 (dop$4 or beam or bombard$6)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 14:09
L5	37314	(silicon or si) same l4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 13:22
L6	529	l5 and l2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 13:22
L7	1225	l4 same (grating$1 or waveguid$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 13:28
L8	312	l5 and l7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 13:26
L9	0	l5 and ll8 and @ad<"20030829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 13:27
L10	268	l8 and @ad<"20030829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 13:29

L11	644	I4 same (grating$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 13:28
L12	143	I5 and I11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 13:29
L13	126	I12 and @ad<"20030829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 14:10
L14	128663	(si or silicon) with (crystal$4 or crystalline)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 14:01
L15	101786	(si or silicon) near5 (crystal$4 or crystalline)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 14:01
L16	80835	(((si or silicon) near5 amorphous) or ("a-si" or "a-silicon"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 14:02
L17	17484	I15 same I16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 14:02
L18	4501	I4 and I17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 14:10
L19	378	I4 same I17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 14:03
L20	3	I19 and I2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 14:04

L21	5	I19 and (grating$1 or waveguid$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 14:45
L22	582182	(implant$6 or doping or doped or (ion near5 (beam or bombard$6)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 15:15
L23	10582	I22 and I17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 14:10
L24	738	I23 and (grating$1 or waveguid$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 14:10
L25	313	I23 and (grating$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 14:10
L26	255	I25 and @ad<"20030829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 14:45
L27	246	I26 not (I21 or I13)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 14:11
L28	3549	I17 same I22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 14:43
L29	441	(I17 same I22) same (mask$4 or stencil)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 15:42
L30	323	((I15 with I16) same I22) same (mask$4 or stencil)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 14:44

L31	275	l30 and @ad<"20030829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 15:30
L32	1897	(l15 or l16) same (grating$1 or waveguid$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 15:15
L33	2	l31 and l32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 14:45
L34	9914	(si or silicon) with (grating$1 or waveguid$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 15:29
L35	2899	(si or silicon) with (grating$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 15:16
L36	322	l35 same l22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 15:15
L37	40	l17 same (grating$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 15:21
L38	71	l17 same (waveguide$1 or coupler$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 15:29
L39	50393	(si or silicon) with (implant$8)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 15:40
L40	280	l39 same (grating or waveguide$1 or coupler$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 15:41

L41	236	I40 and @ad<"20030829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 15:42
L42	135453	(si or silicon) with (implant$8 or doped or dopant or refractive or refraction or doping)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 16:35
L43	3389	I42 same (grating or waveguide$1 or coupler$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 15:41
L44	427	I42 same ((si or silicon) with grating$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 16:34
L45	354	I44 and @ad<"20030829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 15:44
L46	29	I44 same (mask$4 or stencil)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 15:44
L47	294	I43 same (mask$4 or stencil)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 15:44
L48	250	I47 and @ad<"20030829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 15:45
L49	517	((si or silicon) with grating$1)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 16:35
L50	39556	(si or silicon) with (implant$8 or doped or dopant or refractive or refraction or doping)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 16:37
L51	160	I49 and (amorphous or crystalline or polycrystalline or crystal)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 16:43

L52	33	I51 and (ion or implant$8 or doped or dopant or refractive or refraction or doping)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 16:37
L53	127	I51 not I52	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 16:43

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	96895	(implant$6 or dope or doped or doping or implantation) near5 (silicon or si or "si.sub.+")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 11:35
L2	394107	((silicon or si) near5 (layer$1 or film$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 10:55
L3	62543	l1 same l2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 10:55
L4	3243	(implant$6 or dope or doped or doping or implantation) near10 ((silicon or si or "si.sub.+") adj1 ion$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 10:55
L5	62543	l3 same l2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 10:55
L6	39727	((silicon or si) near5 (layer$1 or film$1)) near5 (crystalline or crystal$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 11:35
L7	5543	l3 same l6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 10:56
L8	5669	(waveguide$1 or grating$1) same l2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 11:36
L9	101	l7 and l8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 10:58
L10	997	l3 and l8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 10:58

L11	997	I5 and I8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 10:58
L12	32505	(implant$6 or implantation) near5 (silicon or si or "si.sub.+")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 11:00
L13	20889	I12 same I2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 11:00
L14	5114	I13 and I6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 11:01
L15	107	I14 and I8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 11:34
L16	24127	((silicon or si) adj2 (layer$1 or film$1)) near5 (crystalline or crystal$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 11:35
L17	1578	(implant$6 or implantation) with I16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 11:36
L18	281	((implant$6 or implantation) with mask$4) same I17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 11:36
L19	13	(waveguide$1 or grating$1) and I18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 11:36